

## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

## July 14, 2004

Mark E. Fesmire, P.E. Director Oil Conservation Division

Division Order No. IPI-238

Apache Corporation Two Warren Place Suite 1500 6120 South Yale Tulsa, Oklahoma 74136-4224

Attention: Mr. Rick Crist

RE: Injection Pressure Increase Argo Wells No. 6 & 7 Lea County, New Mexico

Dear Mr. Crist:

Reference is made to your request received by the Division on June 25, 2004 to increase the surface injection pressure on the Argo Wells No. 6 and 7. This request is based upon a recently conducted step rate test on the Argo Well No. 6. The results of the step rate test show that an increase in the surface injection pressure for these wells is justified and will not result in the fracturing of the injection formation and confining strata.

You are therefore authorized to increase the surface injection pressure on the following wells:

WELL NAME & NUMBER	MAXIMUM SURFACE INJECTION PRESSURE
Argo Well No. 6 API No. 30-025-06603 Unit K, Section 15, T-21 South, R-37 East, NMPM, Lea County, New Mexico	1615 PSIG
Argo Well No. 7 API No. 30-025-09915 Unit L, Section 15, T-21 South, R-37 East, NMPM, Lea County, New Mexico	1615 PSIG

Oil Conservation Division \* 1220 South St. Francis Drive \* Santa Fe, New Mexico 87505 Phone: (505) 476-3440 \* Fax (505) 476-3462 \* <u>http://www.emnrd.state.nm.us</u> Injection Pressure Increase Apache Corporation July 14, 2004 Page 2

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected fluid is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely, E.Z. Mark E. Fesmire, P.E.

Director

cc: Oil Conservation Division - Hobbs File: SWD-859, SWD-860